

0590  
0709

#10



OIPE

ENTERED

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/000,467

DATE: 07/11/2002

TIME: 15:48:07

Input Set : A:\418c3.app

Output Set: N:\CRF3\07112002\J000467.raw

```

4 <110> APPLICANT: Van Ness, Jeffrey
5     Tabone, John C.
6     Howbert, J. Jeffrey
7     Mulligan, John T.
9 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ENHANCING
10    SENSITIVITY IN THE ANALYSIS OF BIOLOGICAL-BASED ASSAYS
13 <130> FILE REFERENCE: 780068.418C3
15 <140> CURRENT APPLICATION NUMBER: US 10/000,467
C--> 16 <141> CURRENT FILING DATE: 2002-06-25
18 <160> NUMBER OF SEQ ID NOS: 13
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 18
24 <212> TYPE: DNA
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: 5' terminal amine linked oligonucleotide
W--> 30 <221> NAME/KEY: modified_base
31 <222> LOCATION: (1)...(1)
32 <223> OTHER INFORMATION: 5'-hexylamine
W--> 34 <400> 1
35 tgtaaaacga cggccagt 18
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 23
39 <212> TYPE: DNA
40 <213> ORGANISM: Artificial Sequence
42 <220> FEATURE:
43 <223> OTHER INFORMATION: Sequence complementary to conserved or
44    hypervariable regions of the 16S ribosomal RNA
45    (rRNA) of Porphyromonas gingivalis
47 <400> SEQUENCE: 2
48 ccttaggaca gtctttcttca cgc 23
50 <210> SEQ ID NO: 3
51 <211> LENGTH: 39
52 <212> TYPE: DNA
53 <213> ORGANISM: Artificial Sequence
55 <220> FEATURE:
56 <223> OTHER INFORMATION: Oligonucleotide DMO 596
58 <400> SEQUENCE: 3
59 actactgac aggcgcgcct tttttttttt ttttttttt 39
61 <210> SEQ ID NO: 4
62 <211> LENGTH: 38
63 <212> TYPE: DNA

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/000,467

DATE: 07/11/2002

TIME: 15:48:07

Input Set : A:\418c3.app

Output Set: N:\CRF3\07112002\J000467.raw

```

64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: Oligonucleotide sequence which is linked to a
68     nylon bead
70 <400> SEQUENCE: 4
71 actactgatc aggcgcgcct tttttttttt tttttttt          38
73 <210> SEQ ID NO: 5
74 <211> LENGTH: 24
75 <212> TYPE: DNA
76 <213> ORGANISM: Artificial Sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: Tagged oligonucleotide probe which was hybridized
80     to the nylon solid support.
82 <400> SEQUENCE: 5
83 gaactcaaac ctctggagga agtg          24
85 <210> SEQ ID NO: 6
86 <211> LENGTH: 24
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Tagged oligonucleotide probe which was hybridized
92     to the nylon solid support.
94 <400> SEQUENCE: 6
95 cagtgcagag gctcgcgagc tata          24
97 <210> SEQ ID NO: 7
98 <211> LENGTH: 24
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Tagged oligonucleotide probe which was hybridized
104     to the nylon solid support.
106 <400> SEQUENCE: 7
107 cttgaccatg atggccagcc acta          24
109 <210> SEQ ID NO: 8
110 <211> LENGTH: 24
111 <212> TYPE: DNA
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Tagged oligonucleotide probe which was hybridized
116     to the nylon solid support.
118 <400> SEQUENCE: 8
119 cattcccacg gtcactgccca tctc          24
121 <210> SEQ ID NO: 9
122 <211> LENGTH: 24
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Tagged oligonucleotide probe which was hybridized
128     to the nylon solid support.

```

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/000,467

DATE: 07/11/2002  
TIME: 15:48:07

Input Set : A:\418c3.app  
Output Set: N:\CRF3\07112002\J000467.raw

```
130 <400> SEQUENCE: 9
131 gcgactgtgc tccggcagtt ctac
133 <210> SEQ ID NO: 10
134 <211> LENGTH: 24
135 <212> TYPE: DNA
136 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:
139 <223> OTHER INFORMATION: Tagged oligonucleotide probe which was hybridized
140     to the nylon solid support.
142 <400> SEQUENCE: 10
143 gtggttcacg gacgatgcca cgaa
145 <210> SEQ ID NO: 11
146 <211> LENGTH: 24
147 <212> TYPE: DNA
148 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: Tagged oligonucleotide probe which was hybridized
152     to the nylon solid support.
154 <400> SEQUENCE: 11
155 gagctcatgt acccacctcc gtac
157 <210> SEQ ID NO: 12
158 <211> LENGTH: 24
159 <212> TYPE: DNA
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: Tagged oligonucleotide probe which was hybridized
164     to the nylon solid support.
166 <400> SEQUENCE: 12
167 atcttcgtgc agccgccctc actg
169 <210> SEQ ID NO: 13
170 <211> LENGTH: 24
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: "Target" oligonucleotide (DMO501), which was
176     immobilized on a set of solid supports.
178 <400> SEQUENCE: 13
179 ttgattccca attatgcgaa ggag
```

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/000,467

DATE: 07/11/2002

TIME: 15:48:08

Input Set : A:\418c3.app

Output Set: N:\CRF3\07112002\J000467.raw

L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:30 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:34 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:1